Memorandum

BARD

Preventative Maintenance Statement

Dear Site Rite User:

The Site~Rite® 5/6 Ultrasound System does not contain any user serviceable or maintainable parts. All repairs should be performed by Bard Access Systems' service personnel only. The Site~Rite® 5/6 Ultrasound System does not require any scheduled maintenance, system checks, or calibration, unless otherwise stated in the Instructions for Use.

The Site~Rite® II, III, and IV products have mechanical probes that could become out of alignment or receive bubbles. Attached is the procedure for periodic testing (also located in the Maintenance and Troubleshooting section of the Operator's Manual for the Site~Rite®) The 7.5 MHz and 9.0 MHz probes should be tested for proper alignment on a *monthly* basis or when probes have been dropped or mistreated.

Other than the Periodic Probe Test, there is ***no*** further requirement for planned maintenance of the system. If you have any questions or are having problems with your equipment, please feel free to contact:

Bard Access Systems
Field Assurance
605 North 5600 West
Salt Lake City, UT. 84116
Toll Free 1-800-296-4141

Thank you for your continued interest and support of the Site~Rite® Ultrasound System.

Site~Rite Probe Alignment Test Procedure

DYMAX CORP. 271 Kappa Drive Pittsburgh, PA 15238 USA Phone: (412) 963-6884 Fax: (412) 963-6179

Dymax has developed a simple method allowing Site~Rite users to quickly and reliably determine if their probe is offset or out of alignment. The procedure is easy to perform and should be carried out on a monthly basis or whenever the probe has been dropped or otherwise mistreated.

Procedure:

1. Clip a pink (1.5 cm) 18 gauge needle guide onto the probe.
2. Insert an 18 gauge needle into the guide, bevel up.
3. Immerse the tip of the probe in a container of clear debubbled water (8 cm minimum depth).
4. Turn on the Scanner.
5. Turn on the depth markers.
6. Advance the needle, bevel up, until the tip appears as a bright dot.
7. Adjust the gain to optimize the image.
8. The depth markers should line up with the bright dot of the needle tip as in Figure 1.

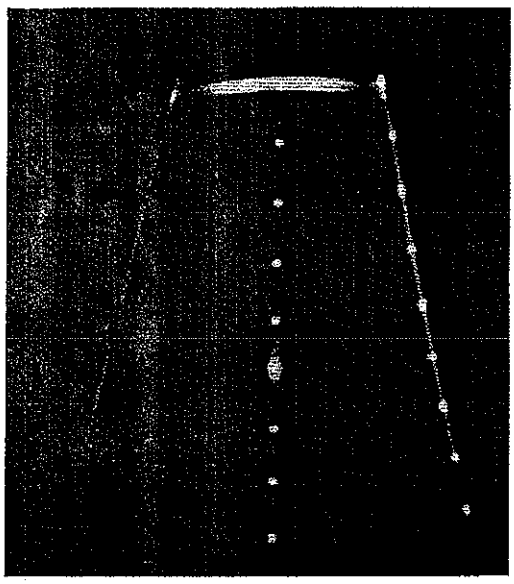

Figure 1 – Probe is Aligned.
The echo from the tip of the needle lines up with the depth markers.

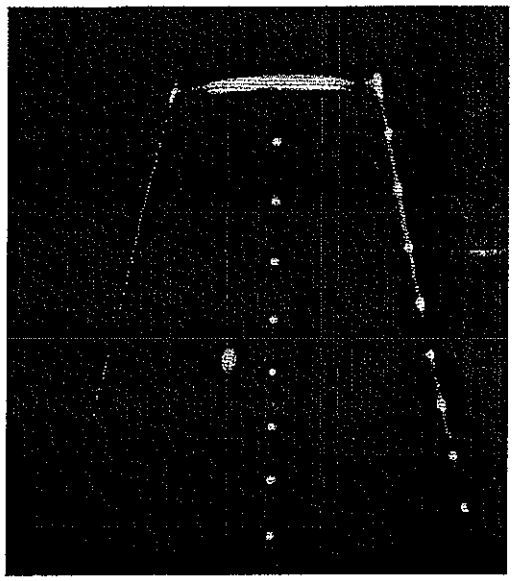

Figure 2 – Probe is Misaligned.
The echo from the tip of the needle does not line up with the depth markers.

Probes that are out of alignment must be returned to Dymax for repair.